

Bryan M. Gramke
Ozinga Indiana RMC, Inc.
400 Blaine St.
Gary, IN 46406

Re: Source Specific Operation Status
S 089-11896-05209

Dear Bryan M. Gramke:

Your application for Source Specific Operation Status was received on February 15, 2000 and has been reviewed. Based on the data submitted and the provisions in 326 IAC 2, it has been determined that your emission source, a stationary concrete batch operation located at the SE corner of I-65 & 61st Ave., Merrillville, Indiana 46410, has met the criteria required to obtain a Source Specific Operating Agreement.

Pursuant to IC 4-21.5-3-5(a) and (b), approval of this Source Specific Operating Agreement shall not be effective until fifteen (15) days from the date of this letter.

The facilities and processes of this source are hereby granted the Source Specific Operating Agreement provided that the following requirements of 326 IAC 2-9 are satisfied:

Section A: Ready-Mix Concrete Batch Operation: [326 IAC 2-9-9]

1. The production from the concrete batch operation shall be limited to less than three hundred thousand (300,000) cubic yards per year.
2. The source shall keep annual production records of the concrete batch operation at the site on a calendar year basis. These records shall be maintained for a minimum period of five (5) years, and made available upon request of the Office of Air Management (OAM).
3. All equipment that generate particulate matter (PM) emissions and any associated control devices shall be operated and maintained at all times of plant operation, in such a manner, as to meet all of the requirements of this Source Specific Operating Agreement.
4. Fugitive particulate emissions from the cement and aggregate silos shall be controlled by operating dust collectors such that visible emissions do not exceed twenty percent (20%) opacity in twenty-four (24) consecutive readings in a six (6) minute period. Compliance with this condition shall be determined by 40 CFR 60, Appendix A, Method 9.
5. The fugitive particulate matter (PM) emissions from all aggregate storage piles, unpaved roadways, and aggregate transfer processes of this source shall be controlled by applying water on an as needed basis, such that the following visible emission conditions are met:
 - (a) The visible emissions from any storage pile shall not exceed twenty percent (20%) in twenty-four (24) consecutive readings in a six (6) minute period. This limitation shall not apply during periods when application of control measures are ineffective or unreasonable due to sustained high wind speeds. The opacity shall be determined using 40 CFR 60, Appendix A, Method 9, except that the opacity shall be observed at approximately four (4) feet from the surface at the point of maximum opacity. The observer shall stand at least fifteen (15) feet,

but no more than one-fourth (1/4) mile, from the plume and at approximately right angles to the plume.

- (b) The visible emissions from unpaved roadways shall not exceed an average instantaneous opacity of twenty percent (20%). Average instantaneous opacity shall be the average of twelve (12) instantaneous opacity readings, taken for four (4) vehicle passes, consisting of three (3) opacity readings for each vehicle pass. The three (3) opacity readings for each vehicle pass shall be taken as follows:
 - (i) The first reading shall be taken at the time of emission generation.
 - (ii) The second reading shall be taken five (5) seconds after the first.
 - (iii) The third reading shall be taken five (5) seconds after the second reading, or ten (10) seconds after the first reading.

The three (3) readings shall be taken approximately four (4) feet from the surface at the point of maximum opacity. The observer shall stand at least fifteen (15) feet, but no more than one-fourth (1/4) mile, from the plume and at approximately right angles to the plume.

- (c) Visible emissions from the aggregate transferring processes shall not exceed an average instantaneous opacity of twenty percent (20%). The average instantaneous opacity shall be the average of three (3) opacity readings taken five (5) seconds, ten (10) seconds, and fifteen (15) seconds after the end of one (1) material loading or unloading operation. The three (3) readings shall be taken at the point of maximum opacity. The observer shall stand at least fifteen (15) feet, but no more than one-fourth (1/4) mile, from the plume and at approximately right angles to the plume.
6. All cement transferring processes shall always be enclosed.
 7. The source shall maintain records on the types of air pollution control devices used at the source and the operation and maintenance manuals for those control devices.
 8. The fugitive particulate emissions at the sand and gravel operation shall not escape beyond the property lines or boundaries of the source property, right of way, or easement on which the source is located pursuant to 326 IAC 6-4.

Section B: General Requirements: [326 IAC 2-9-1]

1. The source shall provide an annual notice to the commissioner, stating that the source is in operation, and certifying that its operations are in compliance with the requirements of this Source Specific Operating Agreement. The above annual notice shall be submitted to:

**Compliance Data Section
Office of Air Management
100 North Senate Avenue
P.O. Box 6015
Indianapolis, IN 46206-6015**

no later than January 30 of each year, with the annual notice being submitted in the format attached.

2. Any exceedance of any requirement contained in this operating agreement shall be reported, in writing, within one (1) week of its occurrence. Said report shall include information on the actions taken to correct the exceedance, including measures to reduce emissions, in order to comply with the established limits. If an exceedance is the result of a malfunction, then the provisions of 326 IAC 1-6 apply.

3. Pursuant to 326 IAC 2-9-1(i), the owner or operator is hereby notified that this operating agreement does not relieve the permittee of the responsibility to comply with the provisions of any applicable federal, state, or local rules, or any New Source Performance Standards (NSPS), 40 CFR Part 60, or National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR Part 61.

Section C: Other Requirements: Particulate Rules - Nonattainment Area Limitations: [326 IAC 6-1-2 and 326 IAC 6-1-11]

1. Pursuant to 326 IAC 6-1-2, the source shall not allow or permit discharge to the atmosphere of any gases which contain particulate matter in excess of 0.07 grams per dry standard cubic meter (g/dscm) or 0.03 grain per dry standard cubic foot (dscf).
2. Pursuant to 326 IAC 6-1-11.1, any source having a potential to emit five (5) tons per year of fugitive particulate matter (PM) into the atmosphere in Lake County shall comply with the following requirements:
 - (a) The average instantaneous opacity of fugitive particulate emissions from a paved road shall not exceed ten percent (10%). A source shall implement the control measures specified by 326 IAC 6-1-11.1(e)(3)(F) within twenty-four (24) hours after notification by IDEM, OAM, or the U.S. EPA of violating the average instantaneous opacity. A violation of the instantaneous average opacity limits in this subsection is a violation of the rule. In addition, when requested by IDEM, OAM, or the U.S. EPA after an exceedance of the opacity limit is observed by a representative of either agency, the source shall initiate a compliance check with the surface silt loading limit. The department may require a revision of the control plan under 326 IAC 6-1-11.1(e)(8), if the test shows an exceedance of the surface silt loading limit. Average instantaneous opacity shall be the average of twelve (12) instantaneous opacity readings, taken for four (4) vehicle passes, consisting of three (3) opacity readings for each vehicle pass. The three (3) opacity readings for each vehicle pass shall be taken as follows:
 - (i) The first reading shall be taken at the time of emission generation.
 - (ii) The second reading shall be taken five (5) seconds after the first.
 - (iii) The third reading shall be taken five (5) seconds after the second reading, or ten (10) seconds after the first reading.

The three (3) readings shall be taken approximately four (4) feet from the surface at the point of maximum opacity. The observer shall stand at least fifteen (15) feet, but no more than one-fourth (1/4) mile, from the plume and at approximately right angles to the plume.
 - (b) The average instantaneous opacity of fugitive particulate emissions from a paved road shall not exceed ten percent (10%). IDEM, OAM may request a revision of the control plan pursuant to 326 IAC 6-1-11.1(e)(8) if an observance shows an exceedance of the average instantaneous opacity limit. This revision may be in lieu of, or in addition to, pursuing an enforcement action for a violation of the limit. Average instantaneous opacity shall be determined according to the procedure described in (a) above.
 - (c) Material transfer limits shall be as follows:
 - (i) The average instantaneous opacity of fugitive particulate matter (PM) emissions from batch transfer shall not exceed ten percent (10%). The average instantaneous opacity shall consist of the average of three (3) opacity readings taken five (5) seconds, ten (10) seconds, and fifteen (15) seconds after the end of one (1) batch loading or unloading operation. The three (3) readings shall be taken at the point of

maximum opacity. The observer shall stand approximately fifteen (15) feet from the plume and at approximately right angles to the plume.

- (ii) Where adequate wetting of the material for fugitive particulate emissions control is prohibitive to further processing or reuse of the material, the opacity shall not exceed ten percent (10%) three (3) minute average. This includes material transfer to the initial hopper of a material processing facility as defined in 326 IAC 6-1-11.1(c) or material transfer for transportation within or outside the source property. Compliance with any operation lasting less than three (3) minutes shall be determined as an average of consecutive observations recorded at fifteen (15) second intervals for the duration of the operation.
- (d) The opacity of fugitive particulate emissions from continuous transfer of material onto and out of storage piles shall not exceed ten percent (10%) on a three (3) minute average. The opacity shall be determined using 40 CFR 60, Appendix A, Method 9. The opacity readings shall be taken at least four (4) feet from the point of origin.
- (e) The opacity of fugitive particulate emissions from storage piles shall not exceed ten percent (10%) on a six (6) minute average. These limitations may not apply during periods when application of fugitive particulate control measures are either ineffective or unreasonable due to sustained very high wind speeds. During such periods, the source must continue to implement all reasonable fugitive particulate control measures and maintain records documenting the application of measures and the basis for a claim that meeting the opacity limitation was not reasonable given prevailing wind conditions. The opacity shall be determined using 40 CFR 60, Appendix A, Method 9, except that the opacity shall be observed at approximately four (4) feet from the surface at the point of maximum opacity. The observer shall stand approximately fifteen (15) feet from the plume and at approximately right angles to the plume. The opacity of fugitive particulate emissions from exposed areas shall not exceed ten percent (10%) on a six (6) minute average. The opacity shall be determined using 40 CFR 60, Appendix A, Method 9.
- (f) Material transportation activities shall include the following:
 - (i) There shall be a zero (0) percent frequency of visible emission observations of a material during the inplant transportation of material by truck or rail at any time. Material transported by truck or rail that is enclosed and covered shall be considered in compliance with the inplant transportation requirement. Compliance with this limitation shall be determined by 40 CFR 60, Appendix A, Method 22, except that the observation shall be taken at approximately right angles to the prevailing wind from the leeward side of the truck or rail car.
 - (ii) The opacity of fugitive particulate emissions from the inplant transportation of material by front end loaders and skip hoists shall not exceed ten percent (10%). Compliance with this limitation shall be determined by the average of three (3) opacity readings taken at five (5) second intervals. The three (3) opacity readings shall be taken as follows:
 - (A) The first will be taken at the time of emission generation.
 - (B) The second will be taken five (5) seconds later.
 - (C) The third will be taken five (5) seconds later or ten seconds after the first.

The three (3) readings shall be taken at the point of maximum opacity. The observer shall stand at least fifteen (15) feet from the plume approximately and at right angles

to the plume. Each reading shall be taken approximately four (4) feet above the surface of the roadway or parking area.

- (g) Material processing facilities shall be limited as follows:
- (i) The PM10 stack emissions from a material processing facility shall not exceed twenty-two thousandths (0.022) grains per dry standard cubic foot and ten percent (10%) opacity. Compliance with the concentration limitation shall be determined using the test methods found in section 10.1(f) of this rule. Compliance with the opacity limitation shall be determined by 40 CFR 60, Appendix A, Method 9.
 - (ii) The opacity of fugitive particulate emissions from a material processing facility, except a crusher at which a capture system is not used, shall not exceed ten percent (10%). Compliance with this limitation shall be determined by 40 CFR 60, Appendix A, Method 9.
 - (iii) The opacity of fugitive particulate emissions from a crusher at which a capture system is not used shall not exceed fifteen percent (15%). Compliance with this limitation shall be determined by 40 CFR 60, Appendix A, Method 9.
 - (iv) There shall be a zero (0) percent frequency of visible emission observations from a building enclosing all or a part of the material processing equipment, except from a vent in the building. Compliance with this standard shall be determined by 40 CFR 60, Appendix A, Method 22.
 - (v) The PM10 emissions from building vents shall not exceed twenty-two thousandths (0.022) grains per dry standard cubic foot and ten percent (10%) opacity. Compliance with the concentration standard shall be determined by 40 CFR 60, Appendix A, Method 5 or 17, and with the opacity standard by 40 CFR 60, Appendix A, Method 9.
- (h) The opacity of particulate emissions from dust handling equipment shall not exceed ten percent (10%). Compliance with this limitation shall be determined by 40 CFR 60, Appendix A, Method 9.
- (i) Any facility or operation not specified in 326 IAC 6-1-11.1 shall meet a twenty percent (20%), three (3) minute opacity standard. Compliance with this limitation shall be determined by 40 CFR 60, Appendix A, Method 9, except that the opacity standard shall be determined as an average of twelve (12) consecutive observations recorded at fifteen (15) second intervals. Compliance of any operation lasting less than three (3) minutes shall be determined as an average of consecutive observations recorded at fifteen (15) second intervals for the duration of the operation..
3. Pursuant to 326 IAC 6-1-11.1(e), sources subject to the requirements of 326 IAC 6-1-11.1(d) shall comply with the provisions of 326 IAC 6-1-11.1(e) relating to the submission of a control plan.

Any change or modification which will alter operations in such a way that it will no longer comply with the applicable restrictions and conditions of this operating agreement, must obtain the appropriate approval from the Office of Air Management (OAM) under 326 IAC 2-5.1, 326 IAC 2-5.5, 326 IAC 2-6.1, 326 IAC 2-2, 326 IAC 2-3, 326 IAC 2-7, and 326 IAC 2-8, before such change may occur.

Sincerely,

Paul Dubenetzky, Chief
Permit Branch
Office of Air Management

RM

cc: File - Lake County
Lake County Health Department
Air Compliance Section - Massoels/Tejuja
Permit Tracking - Janet Mobley
Technical Support & Modeling - Michele Boner
Compliance Data Section - Karen Nowak

Source Specific Operating Agreement Annual Notification
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This form should be used to comply with the notification requirements under 326 IAC 2-9.

Company Name:	Ozinga Indiana RMC, Inc.
Address:	SE corner of I-65 & 61st Ave.
City:	Merrillville, Indiana 46410
Contact Person:	
Phone #:	
SSOA #:	S 089-11896-05209

I hereby certify that Ozinga Indiana RMC, Inc. is still in operation and is in compliance with the requirements of Source Specific Operating Agreement (SSOA) S 089-11896-05209.

Name (typed):
Title:
Signature:
Date: